

## KEYBOARD WITH CHANGEABLE KEY DISPLAY

### Abstract of the Disclosure

A keyboard system comprises a first plurality of keys. The first plurality of keys have top surfaces with fixed indicia disposed thereon. The keyboard system further comprises a recessed section. The keyboard system further comprises a programmable display key module disposed in the recessed section. The programmable display key module comprises a dynamically programmable flat panel display having a plurality of display areas. The programmable display key module further comprises a second plurality of keys. Each of the second plurality of keys has at least a first transparent surface and a switch engagement structure. At least a portion of each key overlays a corresponding display area of the dynamically programmable flat panel display. The programmable display key module further comprises a plurality of switches. Each switch is positioned adjacent to a corresponding switch engagement structure of a corresponding key. At least a first of the switches is activated by the corresponding switch engagement structure when the corresponding key is depressed.

### PATENT

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